

/ FEATURES



| Name | Brand |
|----------------------|--------------------|
| CNC System | HARSLE |
| Frequency Converter | MITSUBISHI |
| Servo Motor | MITSUBISHI |
| Oil Cylinder Sealing | Janpan NOK |
| Limit Switch | Janpan OMRON |
| Main Motor | SIEMENS |
| Electric Components | France Schneider |
| Alloy Blade | South Korea KORLOY |
| Linear Guide Rail | Taiwan HIWIN |

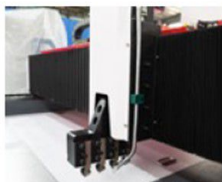
- HSKC Horizontal CNC V-Grooving machine's frame and beam are designed with frame structure. The overall rigidity of the machine is good and durable.
- Strictly in accordance with the machine tool processing technology, using electric furnace tempering, eliminating welding stress and reducing equipment deformation.
- The metal sheet is fixed by hydraulic clamping system, which has high slotting speed and ensures Strong clamping force. The hydraulic system has accumulator compensation and servo motors can save energy and decrease oil temperature.
- The HSKC Horizontal CNC V-Grooving machine uses four knives to make the "V" groove, so the cutting result will be uniform and the deformation of the workpiece will be reduced. The optional micro-cooling system can extend the tool life and reduce production costs.
- This machine can work both vertically and horizontally, also can work on both front and back side of the metal sheet.
- Working speed can be adjusted according to the material and operator.

/ MACHINE DETAILS



4 knives for processing "V" slots

Will get better result and reduce the deformation.



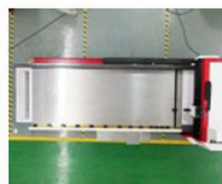
Tool holder transfer device

Knife carrier feeding device with SFSR silent ball screw and QR roller heavy-duty linear guide can get high slotting accuracy.



Pressing plate

The worktable has the self-grooving function which can groove the worktable surface to get better accuracy.



Worktable

Made of carbon tool steel, the hardness after hardening is as high as HRC55, the table surface-wear is small and can be changed.

SPECIFICATION

• HSKC HORIZONTAL V GROOVING MACHINE

| Model | | HSKC-3215 | HSKC-4015 | HSKC-6015 |
|---------------------|---|--|-----------|-----------|
| Machining Capacity | Material | STS304&Q235 | | |
| | Length | 3200mm | 4000mm | 6000mm |
| | Width | 1500mm | | |
| | Thickness | 0.6mm-4mm (Sheet Flatness < 3mm) | | |
| | Minimum Edge | 8mm | | |
| CNC Specifications | Control Type | 3-Axis CNC Control(Y1.Y2.Z) | | |
| | Display | 10 Inch HD LCD Color Screen | | |
| | Memory Capacity | 20Groups, 112Channels/Group (Additional SD Card Extension) | | |
| Machining Sped | Working System | Ball Screw/Linear Guide/Rack And Pinion | | |
| | Forward-Cutting | 60m/min(Variable Frequency Conversion) | | |
| | Backward | 55m/min | | |
| Machining Precision | Tool Holder(Y1 Axis) and End Pressure Material(Y2 Axis) | 20m/min | | |
| | Z-Axis UP-Down | 20m/min | | |
| | Y1 Precision | 0.01mm | | |
| | Y1 Stoke | 1250mm | | |
| | Z Precision | 0.01mm | | |
| Driving Mode | Z Stoke | 50mm | | |
| | X-Axis | 4.5KW SEW Converter Motor | | |
| | Z-Axis | 0.85KW Servo Motor | | |
| Clamping Device | Y1&Y2 | 0.85KW Servo Motor | | |
| | Pneumatic | 0.3-0.6Mpa | | |
| Dimensions | Length | 5200mm | 6000mm | 8000mm |
| | Width | 2380mm | | |
| | Height | 1580mm | | |
| | Weight | 7200KG | 8000KG | 10000KG |
| Table Flatness | | ±0.02mm/M | | |